

**Ethanolamine**  
See *Ethanol*, 2-amino- [141-43-5]  
**Ethanolamines**  
See *Alcohols*, amino  
**Ethanol fermentation**  
Valid heading during volumes 126-130 (1997-June 1999) only  
See

**Ethanol** [64-17-5]  
fermentation  
**Fermentation**  
ethanol  
**anol fuels**  
valid heading during volumes 126-130 (1997-June 1999) only  
**Ethanol** [64-17-5]  
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**Fuels**  
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**anol lumiflavine**  
see *Benzol[g]pteridine-2,4(3H,10H)-dione, 10-(2-hydroxyethyl)-7,8-dimethyl-* [3180-56-1]  
**anolysis**  
**anolysis lignin**  
see *Lignin, compounds, ethanolysis* [52933-38-7]  
**Ethano-5,8-methanonaphthalene**  
**2,3-epoxy-**  
see *2,7-Ethano-3,6-methanonaphth[2,3-b]oxirene* [385-93-3]  
**H,7H-6a,9-Ethano-5,7,10b-methenodibenz[cd,f]indole**  
**decahydro-3a-methyl-12-methylene-**  
**aR-(3aa,5b,5aa,6aa,7b,9a,10aa,10bb,10ca)]-** — see *Hetsin* [39608-70-3]  
**anomethrin**  
see *Cyclopropanecarboxylic acid, 3-(cyclopentylidenemethyl)-2,2-dimethyl-, [5-(phenylmethyl)-3-furanyl]methyl ester, (1R,3R)-* [22431-62-5]  
**-Ethanomorphan**  
see *4,10a-Ethano-10,4a-(iminoethano)phenanthrene, 1,2,3,4,9,10-hexahydro-, (4S,4aR,10R,10aS)-* [52717-85-8]  
**-Ethanomorphan**  
see *6,14-Ethenomorphan, 18,19-dihydro-* [34620-84-3]  
**7-Ethanomorphan**  
see *7,12b-Ethanodibenz[d,f]indole, 1,2,3,4,5,6,7a,8-octahydro-, (4aS,7aR,12bS)-* [71170-71-3]  
**-Ethanonaphthacene-13,14-dicarboxylic anhydride**  
see *5,12[3',4']-Furanonaphthacene-14,16-dione, 13,17-dihydro-* [29610-49-9]  
**Ethanonaphthalene**  
see *5,8-Methano-5H-benzocycloheptene* [252-78-8]  
**Ethanonaphthalene**  
**2,3,6,7-diepoxy-**  
see *2,6-Ethanonaphtho[2,3-b:6,7-b']bisoxirene* [27444-34-4]  
**2,3,5,6-diepoxydecahydro-**  
see *4,6-Ethanonaphtho[1,2-b:6,7-b']bisoxirene, decahydro-* [4428-18-6]  
**2,3-epoxy-**  
see *2,7-Ethanonaphth[2,3-b]oxirene* [328-46-1]  
**6,7-epoxy-**  
see *3,6-Ethanonaphth[2,3-b]oxirene* [3925-48-2]  
**Ethanonaphthalene-2,3-dicarboximide**  
see *4,9-Ethano-1H-benz[flisoindole-1,3(2H)-dione* [4428-19-7]  
**9-oxo-**  
see *4,9-Ethano-1H-benz[flisoindole-1,3,10(2H)-trione* [26596-16-7]  
**Ethanonaphthalene-2,3-dicarboxylic acid**  
**1,2,3,4-tetrahydro-9-hydroxy-**  
**-lactone** — see *1,5-Methanonaphtho[1,2-c]-furan-4-carboxylic acid, 1,3,3a,4,5,9b-hexahydro-3-oxo-* [25272-61-1]  
**1,2,3,4-tetrahydro-9-oxo-**  
**cyclic 1,2-ethanediyl acetal** — see *Spiro[1,3-dioxolane-2,2'(1'H)-[1,4]-ethanonaphthalene]-9',10'-dicarboxylic acid* [15849-30-6]  
**Ethanonaphthalene-2,3-dicarboxylic anhydride**  
see *4,9-Ethanonaphtho[2,3-c]furan-1,3-dione* [4428-20-0]  
**1,2,3,4-tetrahydro-**  
see *4,9-Ethenonaphtho[2,3-c]furan-1,3-dione, 3a,4,9,9a,10,11-hexahydro-* [4428-21-1]  
**Ethanonaphthalene-5,8-dione**  
**cyclic bis(1,2-ethanediyl acetal)** — see *Dispiro[1,3-dioxolane-2,5'(8'H)-[1,4]-ethanonaphthalene-8',2''-[1,3]dioxolane]* [168-07-0]  
**cyclic bis(1,3-propanediyl acetal)** — see *Dispiro[1,3-dioxane-2,5'(8'H)-[1,4]-ethanonaphthalene-8',2''-[1,3]dioxane]* [168-04-7]  
**cyclic 1,3-propanediyl acetal** — see *Spiro[1,3-dioxane-2,5'(8'H)-[1,4]-ethanonaphthalene]-8'-one* [6880-82-6]  
**-Ethano-5H-naphtho[2,3-b]carbazole-14,15-dicarboxylic anhydride**  
see *7,12[3',4']-Furano-5H-naphtho[2,3-b]-carbazole-15,17-dione, 14,18-dihydro-* [4428-26-6]  
**-Ethanonaphtho[2,3-a]coronene-3,4,17,18-tetracarboxylic 3,4:17,18-dianhydride**  
see *10,15[3',4']-Furanonaphtho[2',3':7,8]coroneno[1,2-c]furan-3,5,19,21-tetrone, 18,22-dihydro-* [29361-99-7]  
**Ethanonaphtho[2,3-d]-1,3-dioxole-5,6,10,11-tetracarboxylic 5,6:10,11-dianhydride**  
see *6,10[3',4']-Furanofuro[3',4':5,6]naphtho[2,3-d][1,3]dioxole-1,3,12,14-tetrone, 11,15-dihydro-* [23639-55-6]  
**Ethanonaphtho[2,3-d]-1,3-dioxole-5,6,10,11-tetracarboxylic 5,6:10,11-diimide**  
see *6,10[4',5']-endo-[1,3]Dioxoloisoindolo[5,6-e]isoindole-1,3,7,9(2H,8H)-tetrone, 6a,9a-dihydro-* [23639-56-7]  
**Ethanonaphtho[2,3-c][1,2,5]thiadiazole-10,11-dicarboximide**  
**4,9-dihydro-**  
see *12H-4,9[3',4']-endo-Pyrrolonaphtho[2,3-c][1,2,5]thiadiazole-11,13-dione, 4,9,10,14-tetrahydro-* [4428-29-9]

4,9-Ethanophenanthro[2,3-b]thiophene-10,11-dicarboxylic anhydride  
See 4,9[3',2']-Thiophenonaphtho[2,3-c]furan-1,3-dione, 3a,9a-dihydro [4428-31-3]

**Ethanone**  
—, 1,1'-[1,1'-biphenyl]-4,4'-diylbis[2-[(2-hydroxyethyl)dimethylammonio]-  
See also Morpholinium, 2,2'-[1,1'-biphenyl]-4,4'-diylbis[2-hydroxy-4,4-dimethyl- [16478-59-4]  
—, 1-ferrocenyl-  
See Ferrocene, acetyl- [1271-55-2]  
—, 2-hydroxy-1,2-diphenyl-  
See also Resins, gum benzoic  
—, 2-hydroxy-1,2-di-2-pyridinyl-  
See also 1,2-Ethenediol, 1,2-di-2-pyridinyl- [3891-65-4]  
—, 1-(3-hydroxydisiloxanyl)-  
See Disiloxanol, 3-acetyl- [25990-78-7]  
—, 1-(2-oxo-2H-isoxazolo[2,3-a]pyridin-3-yl)-  
See 2H-Isoxazolo[2,3-a]pyridin-2-one, 3-acetyl- [6251-95-2]

**Ethanone, 1-phenyl-** [98-86-2], acetals  
Acyclic acetals of 1-phenylethanone are indexed like other ethers (see notes at Acetals, Ethers). Cyclic acetals are indexed at the heterocyclic ring names. Examples: Benzene, (1,1-dibutoxyethyl)-; Benzene, 1,1'-(1-phenylethylidene)bis(oxy)bis-; 1,3-Dioxolane, 2-methyl-2-phenyl-

**Ethanone, 1-phenyl-, compounds**  
compd. with iron chloride (FeCl<sub>3</sub>) (1:1) — see Iron, trichloro(1-phenylethanone)- [23443-38-3]  
dimethyl acetal — see Benzene, (1,1-dimethoxyethyl)- [4316-35-2]

**Ethanone, 1-phenyl-, hydrazones**  
(aminoiminomethyl)hydrazone — see Hydrazinecarboximidamide, 2-(1-phenylethylidene)- [4362-89-4]

**Ethanone, 1-phenyl-, oximes**  
O-[2-(carboxyamino)-1-oxopropyl]oxime — see Carbamic acid, [1-methyl-2-oxo-2-[[[(1-phenylethylidene)amino]oxy]ethyl]- [33239-62-2]

**Ethanone**  
—, 1-(phenylazo)-  
See Diazene, acetylphenyl- [13443-97-5]  
—, 1,1'-(1,4-phenylene)bis-bis[(aminoiminomethyl)hydrazone], bis(amidinohydrazone) — see Hydrazinecarboximidamide, 2,2'-(1,4-phenylenediethylidene)bis- [2299-94-7]  
—, 1-(2-thienyl)-  
O-(carboxymethyl)oxime — see Acetic acid, [[[1-(2-thienyl)ethylidene]amino]oxy]- [30005-32-4]  
—, 1,2,2-triphenyl-  
See also Benzenemethanol, α-(diphenylmethylene)- [31956-78-2]

**5,14-Ethanonorthebainol**  
See 4,10a-Ethano-10,4a-(iminoethano)-phenanthrene-3,5-diol, 3,4,9,10-tetrahydro-6-methoxy-, (3R,4S,4aS,10R,10aR)- [25278-67-5]

**5,14-Ethanonorthebainone**  
See 4,10a-Ethano-10,4a-(iminoethano)phenanthrene-3(4H)-one, 9,10-dihydro-5-hydroxy-6-methoxy-, (4S,4aS,10R,10aR)- [25278-70-0]

**1H-2,10a-Ethanophenanthrene**  
—, dodecahydro-4b,8,8,12-tetramethyl-(2R,4aR,4bR,8aR,10aR,12S)- — see Kaurane [1573-40-6]  
—, 11,12-epoxydodecahydro-  
See Naphtho[2',1':3,4]cyclohept[1,2-b]oxirene, tetradecahydro- [4444-05-7]

**1H-3,10a-Ethanophenanthrene**  
—, dodecahydro-2,4b,8,8-tetramethyl-[2R-(2a,3β,4aa,4bβ,8ac,10aβ)]- — see Atisane [23479-83-7]  
—, 1,2-epoxy-2,10-dihydro-  
See 2H-1b,9-Ethanophenanthro[1,2-b]oxirene, 1a,9a-dihydro- [4488-35-1]

**2H-3,4a-Ethanophenanthrene**  
—, dodecahydro-  
See 9,11a-Methano-11aH-cyclohepta[a]naphthalene, tetradecahydro- [79605-43-9]

**1H-2,10a-Ethanophenanthrene-8-carboxylic acid**  
—, dodecahydro-9-hydroxy-10,12-dioxo-γ-lactone — see 4H-6a,9-Methanocyclohepta[3,4]naphtho[1,8-bc]furan-4,6,8(2H,7H)-trione, decahydro- [4538-12-9]  
—, dodecahydro-9-hydroxy-10-oxo-γ-lactone — see 4H-6a,9-Methanocyclohepta[3,4]naphtho[1,8-bc]furan-4,6(2H)-dione, dodecahydro- [4444-06-8]  
—, 9-hydroxy-γ-lactone — see 4H-6a,9-Methanocyclohepta[3,4]naphtho[1,8-bc]furan-4-one, 7,8-dihydro- [4444-07-9]

**1H-2,10a-Ethanophenanthrene-8,8(5H)-dicarboxylic acid**  
—, decahydro-9-hydroxy-γ-lactone — see 4H-6a,9-Methanocyclohepta[3,4]naphtho[1,8-bc]furan-3a(1H)-carboxylic acid, decahydro-4-oxo- [4481-97-4]

**1H-3,10a-Ethanophenanthrene-1,8-dicarboxylic acid**  
—, dodecahydro-11-hydroxy-γ-lactone — see 2,6-Methano-2H-phenanthro[1,10a-b]furan-9-carboxylic acid, tetradecahydro-5-oxo- [4375-41-1]

**1H-3,10a-Ethanophenanthrene-1,2-dicarboxylic anhydride**  
See 1H-3b,11-Ethanophenanthro[1,2-c]furan-1,3-(3aH)-dione [4375-42-2]

**2H-2,4a-Ethanophenanthrene-3,4-dicarboxylic anhydride**  
See 3H-4,11b-Ethanophenanthro[3,4-c]furan-1,3-(4H)-dione [4375-43-3]

**2H-1,4a-Ethanophenanthrene-2,12-dione**  
cyclic 2-(1,2-ethanediy l mercaptol) — see Spiro[1,3-dithiolane-2,2']-[2H-1,4a]-